

REMARKS

Applicants sincerely appreciate the continued thorough examination of the present application as evidenced by the Office Action of May 30, 2008. Applicants particularly appreciate the opportunity to clarify the claims.

Claims 8-12 stand rejected under 35 USC § 112, first paragraph for failure to comply with the enablement requirement and under 35 USC § 112, second paragraph for failure to particularly point out and distinctly claim the subject matter which applicants regard as their invention.

With regard to the rejection under 35 USC § 112, first paragraph, Applicants have amended Claim 8 to recite "when the first and second long preambles are transformed into the third and fourth preambles ..." (Emphasis added). Applicants appreciate the Examiner bringing this discrepancy to their attention.

With regard to the rejection under 35 USC § 112, second paragraph, Applicants have amended Claim 1 to recite "A method of transforming an Orthogonal Frequency Division Multiplexing (OFDM) signal by a fast Fourier transform FFT processor..." (Emphasis added). Applicants have further amended Claim 8 to recite "transforming second data that is received by the FFT processor after the first data is buffered, and the first data, respectively, into third data when the first and second long preambles are transformed..." (Emphasis added). Accordingly, Claim 8 no longer recites "first data that is directly input." Moreover, Claim 8 now recites "second data that is received by the FFT processor after the first data is buffered." Applicants respectfully submit that Claim 8, as amended, particularly points out and distinctly claims the subject matter in question, and therefore meets the requirements of 35 USC § 112, second paragraph.

Applicants therefore respectfully request that the rejections of Claims 8-12 under 35 USC § 112 be withdrawn.

CONCLUSION

In light of the above remarks, Applicant respectfully submits that the above-entitled application is now in condition for allowance. Favorable reconsideration of this application, as amended, is respectfully requested. If, in the opinion of the Examiner, a telephonic

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conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (919) 854-1400.

Respectfully submitted,



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